

HOBBS

JUN 15 2011

Form 3160-4  
(August 2007)UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM APPROVED  
OMB No 1004-0137  
Expires July 31, 2010

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG RECEIVED

5 Lease Serial No.  
NMLC029405B

1a. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other			6. If Indian, Allottee or Tribe Name		
b. Type of Completion <input checked="" type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input type="checkbox"/> Diff. Resvr. Other _____			7. Unit or CA Agreement Name and No.		
2. Name of Operator COG OPERATING LLC			8. Lease Name and Well No. GC FEDERAL 63		
3. Address 550 WEST TEXAS AVENUE SUITE 1300 MIDLAND, TX 79701-4287			9. API Well No. 30-025-39476-00-S1		
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface NESW 2005FSL 1900FWL At top prod interval reported below Sec 20 T17S R32E Mer NMP At total depth NESW 1664FSL 1664FWL			10. Field and Pool, or Exploratory MALJAMAR		
14. Date Spudded 02/22/2011			15. Date T.D. Reached 03/05/2011		
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 03/29/2011			17. Elevations (DF, KB, RT, GL)* 3975 GL		
18. Total Depth: MD 7110 TVD 7110		19. Plug Back T.D.: MD 7037 TVD 7037		20. Depth Bridge Plug Set: MD TVD	
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) COMPENSATED NEUT			22. Was well cored? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Was DST run? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Directional Survey? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis)		

## 23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17.500	13.375 H-40	48.0	0	758		650		0	
11.000	8.625 J-55	32.0	0	2115		600		0	
7.875	5.500 L-80	17.0	0	7100		1100		0	

## 24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2.875	6686							

## 25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No Holes	Perf. Status
A) PADDOCK	5370	5530	5370 TO 5530	0.000	26	OPEN, Paddock
B) BLINEBRY	6600	6800	5992 TO 6268	0.000	26	OPEN, Upper Blinebry
C)			6330 TO 6530	0.000	26	OPEN, Middle Blinebry
D)			6600 TO 6800	0.000	26	OPEN, Lower Blinebry

## 27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

Depth Interval	Amount and Type of Material
5370 TO 5530	ACIDIZE W/3,000 GALS 15% ACID.
5370 TO 5530	FRAC W/95,693 GALS GEL, 105,115# 16/30 OTTAWA SAND, 14,437# 16/30 SUPER LC
5992 TO 6268	ACIDIZE W/3,500 GALS 15% ACID
5992 TO 6268	FRAC W/115,122 GALS GEL, 145,475# 16/30 OTTAWA SAND, 34,977# 16/30 SUPER LC

## 28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr API	Gas Gravity	Production Method
04/03/2011	04/29/2011	24	→	105.0	252.0	381.0	36.0		
Choke Size	Tbg Press Flwg SI	Csg Press	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas Oil Ratio	Well Status	
		70.0	→	105	252	381		POW	

## 28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr API	Gas Gravity	Production Method
			→						
Choke Size	Tbg Press Flwg SI	Csg Press	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas Oil Ratio	Well Status	
			→						

(See Instructions and spaces for additional data on reverse side)

ELECTRONIC SUBMISSION #108528 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

\*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\*

OCD-Hobbs

6. If Indian, Allottee or Tribe Name	
7. Unit or CA Agreement Name and No.	
8. Lease Name and Well No. GC FEDERAL 63	
9. API Well No. 30-025-39476-00-S1	
10. Field and Pool, or Exploratory MALJAMAR	
11. Sec., T., R., M., or Block and Survey or Area Sec 20 T17S R32E Mer NMP	
12. County or Parish LEA	13. State NM
17. Elevations (DF, KB, RT, GL)* 3975 GL	

ACCEPTED FOR RECORD

JUN 5 2011

BUREAU OF LAND MANAGEMENT  
CARLSBAD FIELD OFFICE  
ELECTRIC PUMPING UNIT

JUN 15 2011

28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr API	Gas Gravity	Production Method
			→						
Choke Size	Tbg Press Flwg SI	Csg Press	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas Oil Ratio	Well Status	
			→						

28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr API	Gas Gravity	Production Method
			→						
Choke Size	Tbg Press Flwg SI	Csg Press	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas Oil Ratio	Well Status	
			→						

29. Disposition of Gas (Sold, used for fuel, vented, etc.)  
CAPTURED

30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries

31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top Meas. Depth
YATES	2025		DOLOMITE & SAND	YATES	2025
QUEEN	3008		SAND	QUEEN	3008
SAN ANDRES	3769		DOLOMITE & ANHYDRITE	SAN ANDRES	3769
GLORIETTA	5304		DOLOMITE & SAND	GLORIETTA	5304
YESO	5363		DOLOMITE & ANHYDRITE	YESO	5363
TUBB	6871		SAND		

32. Additional remarks (include plugging procedure):

44. ACID, FRACTURE, TREATMENT, CEMENT SQUEEZE, ETC. CONTINUED...  
6330-6530 ACIDIZE W/3,500 GALS 15% ACID.  
6330-6530 FRAC W/118,652 GALS GEL, 149,916# 16/30 OTTAWA SAND, 30,494# 16/30 SLC.  
  
6600-6800 ACIDIZE W/3,500 GALS 15% ACID.  
6600-6800 FRAC W/117,652 GALS GEL, 148,409# 16/30 OTTAWA SAND, 33,173# 16/30 SLC.

33. Circle enclosed attachments:

- |   |                    |               |                       |
|---|--------------------|---------------|-----------------------|
| 1. Electrical/Mechanical Logs (1 full set req'd.)     | 2. Geologic Report | 3. DST Report | 4. Directional Survey |
| 5. Sundry Notice for plugging and cement verification | 6. Core Analysis   | 7. Other.     |                       |

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions):

Electronic Submission #108528 Verified by the BLM Well Information System.  
For COG OPERATING LLC, sent to the Hobbs  
Committed to AFMSS for processing by DEBORAH MCKINNEY on 05/19/2011 (11DLM0458SE)

Name (please print) CHASITY JACKSON

Title PREPARER

Signature (Electronic Submission)

Date 05/17/2011

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**\*\* REVISED \*\* REVISED \*\* REVISED \*\* REVISED \*\* REVISED \*\* REVISED \*\* REVISED \*\***